

Converting Colors

$Yxy(74.8443, 0.2800, 0.3250)$

Have a look what the booklet for
Yxy(74.8443, 0.2800, 0.3250)
contains.

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Color

Yxy(74.7065, 0.2798, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	B9E9ED
RGB	185, 233, 237
RGB Percent	73%, 91%, 93%
CMY	0.2745, 0.0863, 0.0706
CMYK	0.22, 0.02, 0.00, 0.07
HSL	185°, 59%, 83%
HSV	185°, 22%, 93%
XYZ	64.4355, 74.7065, 91.1493
YIQ	219.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

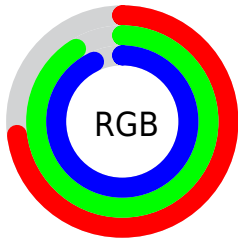
Format	Color
R _Y B	185, 210, 237
Decimal	12184045
CIE Lab	89.26, -14.45, -7.02
CIE LCh	89, 16.064, 205.905
Yxy	74.7065, 0.2798, 0.3244
Android (android.graphics.Color)	4290374125 (0xFFB9E9ED)
YUV	219.1040, 8.8227, -29.9092
Hunter-Lab	86.4329, -18.1864, -2.0222

Details

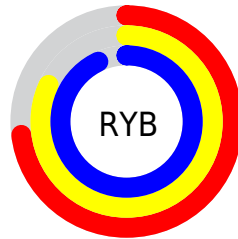
The Yxy color **74.7065, 0.2798, 0.3244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9139, 0.3564, 0.3336**, and the grayscale version is **70.8712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **39.6058, 0.2726, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **70.9743, 0.2662, 0.3221**, and if you desaturate by 10%, it is **78.9468, 0.2944, 0.3266**.

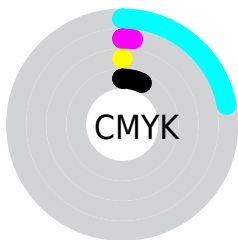
Distribution



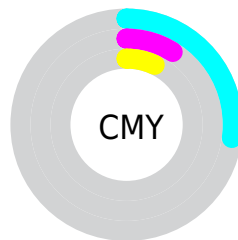
- Red (73%)
- Green (91%)
- Blue (93%)



- Red (73%)
- Yellow (82%)
- Blue (93%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7065, 0.2798, 0.3244 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 74.7065, 0.2798, 0.3244 by changing the saturation by 10% instead.

■ 74.7065, 0.2798,
0.3244

■ 74.7065, 0.2798,
0.3244

■ 476.9082, 0.2948,
0.3267

■ 55.3725, 0.2764,
0.3238

■ 125.8968, 0.2850,
0.3252

■ 39.7000, 0.2723,
0.3231

■ 158.5219, 0.2870,
0.3256

■ 27.3047, 0.2671,
0.3221

■ 196.3461, 0.2887,
0.3258

■ 17.8022, 0.2603,
0.3208

■ 239.7539, 0.2903,
0.3261

■ 10.8081, 0.2512,
0.3189

■ 289.1296, 0.2916,
0.3263

■ 5.9379, 0.2384,
0.3160

■ 344.8576, 0.2928,

■ 2.8074, 0.2190,

0.3264

0.3110

407.3223, 0.2939,
0.3266

■ 1.0320, 0.1820,
0.3024

■ 0.0000, 0.0000,
0.0000

■ 74.7065, 0.2798,
0.3244

■ 74.7065, 0.2798,
0.3244

■ 70.9743, 0.2662,
0.3221

■ 78.9468, 0.2944,
0.3266

■ 67.7168, 0.2540,
0.3196

■ 83.7088, 0.3097,
0.3286

■ 64.9105, 0.2433,
0.3170

■ 88.8042, 0.3247,
0.3305

■ 62.5263, 0.2345,
0.3144

■ 89.8760, 0.3245,
0.3323

60.5318, 0.2275,
0.3117

90.9587, 0.3243,
0.3340

58.8894, 0.2225,
0.3090

92.0522, 0.3242,
0.3358

57.5542, 0.2194,
0.3064

93.1566, 0.3240,
0.3376

56.6441, 0.2179,
0.3043

94.2719, 0.3239,
0.3393

95.3982, 0.3237,
0.3411

Harmonies

Analogous

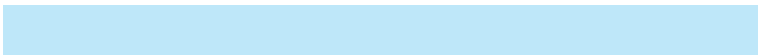
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7065, 0.2921, 0.3423



74.7065, 0.2798, 0.3244



74.7065, 0.2761, 0.3085

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7065, 0.2798, 0.3244



74.7065, 0.3145, 0.3034



74.7065, 0.3441, 0.3593

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.7065, 0.2798, 0.3244



57.9139, 0.3564, 0.3336

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7065, 0.3507, 0.3479



74.7065, 0.2798, 0.3244



74.7065, 0.3333, 0.3160

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7065, 0.2798, 0.3244



74.7065, 0.2957, 0.2971



74.7065, 0.3467, 0.3321



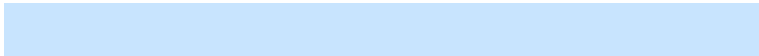
74.7065, 0.3291, 0.3629

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7065, 0.2798, 0.3244



74.7065, 0.2789, 0.3012



74.7065, 0.3467, 0.3321



74.7065, 0.3474, 0.3562

Sweetspot

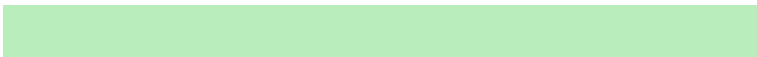
The Sweet Spot groups the original color and five complimentary colors.



74.7095, 0.2798, 0.3244



95.8958, 0.3018, 0.3276



74.5408, 0.3078, 0.3861



20.4531, 0.3009, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7095, 0.2798, 0.3244



86.3038, 0.2740, 0.3234



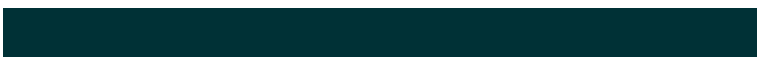
61.3214, 0.2776, 0.2948



16.9116, 0.2981, 0.3271



31.0115, 0.2180, 0.3048



2.4943, 0.2190, 0.3084

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.5934, 0.3183, 0.2784



64.4215, 0.3195, 0.2687



69.8446, 0.3506, 0.3609



15.2926, 0.3150, 0.3075



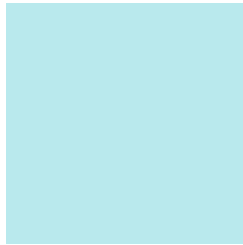
12.6234, 0.3412, 0.1653



0.9972, 0.3381, 0.1636

Previews

White Background



This preview shows how the Yxy color 74.7065, 0.2798, 0.3244 looks on a white background.

Color Contrast Check

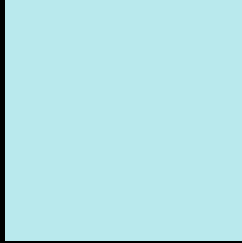
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.7065, 0.2798, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

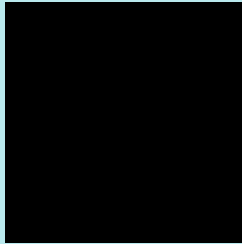
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

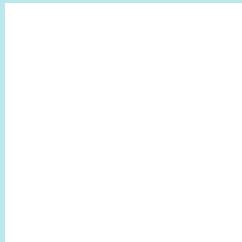
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7065, 0.2798, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 74.7065, 0.2798, 0.3244.

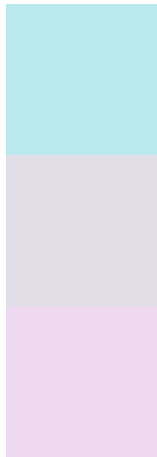


This preview shows how white text looks on a background with the Yxy color 74.7065, 0.2798, 0.3244.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.7065, 0.2798, 0.3244

Protanopia

74.1808, 0.3097, 0.3194

Deuteranopia

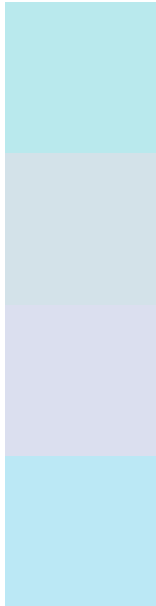
74.0941, 0.3124, 0.3054



Tritanopia

74.7453, 0.2743, 0.3080

Trichromacy



Original Color

74.7065, 0.2798, 0.3244

Protanomaly

74.1248, 0.2981, 0.3213

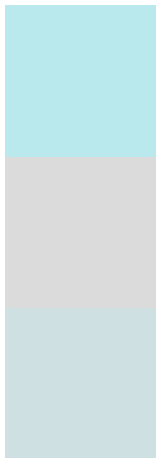
Deuteranomaly

74.0674, 0.2998, 0.3119

Tritanomaly

74.8706, 0.2765, 0.3145

Monochromacy



Original Color

74.7065, 0.2798, 0.3244

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.0677, 0.2998, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7065, 0.2798, 0.3244 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 233, 237)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 237) }
```

Border

The CSS property to change the border of an element to Yxy 74.7065, 0.2798, 0.3244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 233, 237) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 233, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7065, 0.2798, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
233, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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